

ABSTRACT OF THE DISCLOSURE

The present invention provides a planographic printing plate precursor suitable for direct printing using infrared laser light, comprising, on a substrate, a photosensitive layer containing an infrared absorbing agent, a sulfonium salt polymerization initiator, a polymerizable compound, and a binder polymer, wherein the central line average surface roughness (Ra) of the surface of the substrate on which the photosensitive layer is arranged is in the range of 0.35 to 0.55 μm .